

(Rev. 5/92)
Comparable to
Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

78746

Serial No.

09/515,118

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicants
Wachtfogel, et al.,

Filing Date
February 28, 2000

Group

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HVT	A	5,986,692	11/16/1999	SYSTEMS AND METHODS FOR COMPUTER ENHANCED BROADCAST MONITORING			
HVT		5,892,536	04/06/1999	SYSTEMS AND METHODS FOR COMPUTER ENHANCED BROADCAST MONITORING			
HVT		5,371,551	12/06/1994	TIME DELAYED DIGITAL VIDEO SYSTEM USING CONCURRENT RECORDING AND PLAYBACK			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Date Considered

12/20/05

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Use several sheets if necessary)

Applicants
Wachfoget, et al.,

Filing Date
February 28, 2001

Group
2713

U.S. PATENT DOCUMENTS

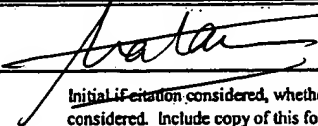
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HVT	A	5,578,257	05/1998	Herz, et al.			
HVT		5,664,948	09/1997	Dimitriadis, et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
HVT		WO 97/17774	5/1997	PCT			Abs.	
		WO 98/37696	8/1998	PCT			Abs.	
HVT		WO 98/28869	7/1998	PCT			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner



Date Considered

12/20/05

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(Rev. 5/92) Comparable to Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. <div style="font-size: 1.2em; font-weight: bold;">78746</div>		Serial No. <div style="font-size: 1.2em; font-weight: bold;">09/515,118</div>	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicants Wachtfogell, et al.,			
Filing Date February 28, 2001				Group 2713			

U.S. PATENT DOCUMENTS							
*Examiner Initial	A	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HVT	A	5,235,643	08/10/1993	Anderson, et al.			
HVT		5,819,092	10/06/1998	Ferguson, et al.,			

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		EP 0 847 156		Europe			Abs.	
HVT		WO 99/45702	09/10/1999	PCT			Abs.	
HVT		WO 99/43111	08/26/1999	PCT			Abs.	
HVT		EP 0 680 214		Europe			Abs.	


OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

Examiner	Date Considered 12/20/05
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Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO
Substitute for form 1449A/PTO and 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	09/515,118
Filing Date	February 28, 2000
First Named Inventor	WACHFOGEL, et al.
Art Unit	2713
Examiner Name	
Attorney Docket Number	78746

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HVT		US-3,341,833	09/12/1967	Jones	
		US-3,645,539	02/29/1972	Jenkins	
		US-3,682,363	08/08/1972	Hull	
		US-4,283,735	08/11/1981	Jagger	
		US-4,319,286	03/09/1982	Hanpachern	
		US-4,408,309	10/04/1983	Kiesling, et al.	
		US-4,430,676	02/07/1984	Johnson	
		US-4,445,195	04/24/1984	Yamamoto	
		US-4,530,048	07/16/1985	Proper	
		US-4,633,331	12/30/1986	McGrady, et al.	
		US-4,706,121	11/10/1987	Young	
		US-4,876,670	10/24/1989	Nakabayashi, et al.	
		US-4,885,775	12/05/1989	Lucas	
		US-4,891,715	01/02/1990	Levy	
		US-4,908,713	03/13/1990	Levine	
		US-4,963,886	10/16/1990	Duncan	
		US-4,963,994	10/16/1990	Levine	
		US-4,963,995	10/16/1990	Lang	
		US-4,977,455	12/11/1990	Young	
		US-4,991,033	02/05/1991	Takeshita	
		US-5,021,893	06/04/1991	Scheffler	
		US-5,038,211	08/06/1991	Hallenbeck	
		US-5,063,453	11/05/1991	Yoshimura, et al.	
		US-4,151,789	09/29/1992	Young	
		US-5,241,428	08/31/1993	Goldwasser, et al.	
		US-5,293,357	03/08/1994	Hallenbeck	
		US-5,371,551	12/06/1994	Logan, et al.	
		US-5,390,027	02/14/1995	Henmi, et al.	
		US-5,440,336	08/08/1995	Buhro, et al.	
		US-5,477,262	12/19/1995	Banker, et al.	
		US-5,479,302	12/26/1995	Haines	
		US-5,508,815	04/16/1996	Levine	
		US-5,508,940	04/16/1996	Rossmere, et al.	
		US-5,557,538	09/17/1996	Reiter, et al.	
		US-5,568,272	10/22/1996	Levine	
HVT		US-5,703,997	12/30/1997	Kitamura, et al.	

Examiner Signature	<i>[Signature]</i>	Date Considered	12/20/05
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HVT		US-5,717,814	02/10/1998	Abecassis	
HVT		US-5,977,964	11/02/1999	Williams, et al.	
HVT		US-6,324,338	11/27/2001	Wood, et al.	

[illegible]

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10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO Substitute for forms 1449A/PTO and 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/515,118
		Filing Date	February 28, 2000
		First Named Inventor	WACHFOGEL, et al.
		Art Unit	2713
		Examiner Name	
Sheet 1 of 3	Attorney Docket Number	78746	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number - Kind Code‡ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KVT		US-3,341,833	09/12/1967	Jones	
		US-3,645,539	02/29/1972	Jenkins	
		US-3,682,363	08/08/1972	Hull	
		US-4,283,735	08/11/1981	Jagger	
		US-4,319,286	03/09/1982	Hanpachern	
		US-4,408,309	10/04/1983	Kiesling, et al.	
		US-4,430,676	02/07/1984	Johnson	
		US-4,445,195	04/24/1984	Yamamoto	
		US-4,530,048	07/16/1985	Proper	
		US-4,633,331	12/30/1986	McGrady, et al.	
		US-4,706,121	11/10/1987	Young	
		US-4,876,670	10/24/1989	Nakabayashi, et al.	
		US-4,885,775	12/05/1989	Lucas	
		US-4,891,715	01/02/1990	Levy	
		US-4,908,713	03/13/1990	Levine	
		US-4,963,886	10/16/1990	Duncan	
		US-4,963,994	10/16/1990	Levine	
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		US-5,038,211	08/06/1991	Hallenbeck	
		US-5,063,453	11/05/1991	Yoshimura, et al.	
		US-5,151,789	09/29/1992	Young	
		US-5,241,428	08/31/1993	Goldwasser, et al.	
		US-5,293,357	03/08/1994	Hallenbeck	
		US-5,371,551	12/06/1994	Logan, et al.	
		US-5,390,027	02/14/1995	Henmi, et al.	
		US-5,440,336	08/08/1995	Buhro, et al.	
		US-5,477,262	12/19/1995	Banker, et al.	
		US-5,479,302	12/26/1995	Haines	
		US-5,508,815	04/16/1996	Levine	
		US-5,508,940	04/16/1996	Rossmere, et al.	
		US-5,557,538	09/17/1996	Retter, et al.	
		US-5,568,272	10/22/1996	Levine	
KVT		US-5,703,997	12/30/1997	Kitamura, et al.	

Examiner Signature	<i>Arata</i>	Date Considered	12/20/05
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10/24/2001 W&K Substitute for Form PTO-SB-058A, which is a US PTO Substitute for forms 1449A/PTO and 1449B/PTO				Application Number	09/515,118
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	February 28, 2000
				First Named Inventor	WACHFOGEL, et al.
				Art Unit	2713
				Examiner Name	
<i>(use as many sheets as necessary)</i>				Attorney Docket Number	78746
Sheet	2	of	3		

HVT	US-5,717,814	02/10/1998	Abecassis	
HVT	US-5,977,964	11/02/1999	Williams, et al.	
HVT	US-6,324,338	11/27/2001	Wood, et al.	

[illegible]

Examiner Signature		Date Considered	12/20/00
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[illegible]

Examiner Signature	<i>Asata</i>	Date Considered	12/20/05
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10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO Substitute for form 1449A/PTO and 1443B/PTO				Application Number	09/515,118
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	February 28, 2000
(use as many sheets as necessary)				First Named Inventor	WACHFOGEL, et al.
				Art Unit	2713
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	78746

[illegible]

Examiner Signature		Date Considered	12/20/05
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[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	10/20/20
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Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 7251/78746	Serial No. 09/515,118
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al.	
				Filing Date 2 Feb. 2000	Group No. 2713

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
HVT		4,930,158	29 May 1990	Vogel			
HVT		5,701,383	23 Dec. 1997	Russo et al.			

FOREIGN PATENT DOCUMENTS								
Examiner Initial*		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
HVT		0 584 991 A2	2 Mar. 1994	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
HVT	Ceccarelli, M.P.; "Metadata for Broadcasting" (MPEG-7 Workshop, XP 002117667, 1998)	OK HVT

Examiner: <i>[Signature]</i>	Date Considered: <i>12/20/05</i>
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Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 7251/78746	Serial No. 09/515,118	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al.		
				Filing Date 24 February 2000	Group No. 2713	
U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<div style="font-size: 2em; margin: 0;">HVT</div> <div style="font-size: 4em; margin: 0;"> </div>	4,602,279	07/22/1986	Freeman			
	5,223,924	06/29/1993	Strubbe			
	5,353,121	10/04/1994	Young et al.			
	5,479,266	12/26/1995	Young et al.			
	5,479,268	12/26/1995	Young et al.			
	5,524,195	06/04/1996	Clanton et al.			
	5,534,911	07/09/1996	Leviton			
	5,550,576	08/27/1996	Klosterman			
	5,659,366	08/19/1997	Kerman			
	5,664,046	09/02/1997	Abecassis			
	5,717,923	02/10/1998	Dedrick			
	5,721,827	02/24/1998	Logan et al.			
	5,737,029	04/07/1998	Ohkura et al.			
	5,793,438	08/11/1998	Bedard			
	5,801,747	09/01/1998	Bedard			
	5,867,799	02/02/1999	Lang et al.			
	5,940,073	08/17/1999	Klosterman et al.			
	5,945,988	08/31/1999	Williams et al.			
	5,973,683	10/26/1999	Cargun et al.			
	<div style="font-size: 1.5em; margin: 0;">W/T</div> <div style="font-size: 1.5em; margin: 0;">Examiner</div>	<div style="font-size: 2em; margin: 0;">/ata</div>		Date Considered 12/20/05		
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				Filing Date 24 February 2000		Group No. 2713	
U.S. PATENT DOCUMENTS							
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HVT	5,991,735	11/23/1999	Gerace				
HVT	6,020,883	02/01/2000	Herz et al.				
	6,044,403	03/28/2000	Gerzberg et al.				
	6,078,348	06/20/2000	Klosterman et al.				
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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al.			
				Filing Date 24 February 2000	Group No. 2713		
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		Filing Date February 24, 2000	Group No. 2713

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Date Considered

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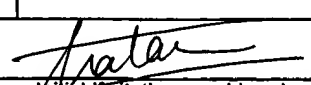
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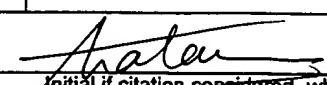
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HVT		5,561,543	10/1996	Ogawa, et.al.				
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				Filing Date February 24, 2000		Group No. 2713	
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HVT		5,046,093	09/1991	Wachob			
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HVT		5,410,344	04/1995	Graves et al.			
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HVT		97/29592	08/1997	WO			
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HVT		5,436,676	07/1995	Pint et al.			
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HVT		5,517,187	05/1996	Bruwer et al.			
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HVT		99/03275	01/1999	WO			
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				Filing Date February 24, 2000		Group No. 2713	
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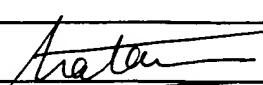
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				Filing Date February 24, 2000		Group No. 2713	
U.S. PATENT DOCUMENTS							
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		Document Number	Date	Country	Class	Subclass	Translation Yes No
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HVT		5,752,244	05/1998	Rose et al.				
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